

*ANTELOPE VALLEY*  
*AIR QUALITY MANAGEMENT DISTRICT*

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Federal Operating Permit Number: 180403054

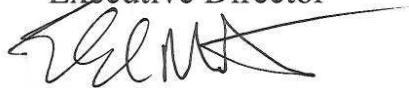
For: Wm Bolthouse Farms

Facility: Bolthouse Farms

Issued Pursuant to AVAQMD Regulation XXX  
Effective Date: July 28, 2011

This Federal Operating Permit Expires on:  
July 28, 2016

Issued By: Eldon Heaston  
Executive Director



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AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
*AVAQMD District-Wide*  
Federal Operating Permit Number: 180403054

## HISTORY OF REVISIONS

**October 3, 2011-Administrative Amendment described as follows;**

Updated Responsible official name, title and phone number.

*Changes made by Roseana Navarro-Brasington*

## TABLE OF CONTENTS

	<u>Page</u>
Part I    Introductory Information . . . . .	I-3 through I-5
Part II    Applicable Requirements and Emissions Limitations . . . . .	II-6 through II-33
Part III    Monitoring, Record Keeping, Reporting, and Testing Requirements . . . . .	III-34 through III-39
Part IV    Standard Federal Operating Permit Conditions . . . . .	IV-40 through IV-43
Part V    Operational Flexibility Provisions . . . . .	V-44 through V-45
Part VI    Conventions, Abbreviations, Definitions . . . . .	VI-46-VI-47
Part VII    EG/NSPS and NESHAP Applicability and Requirements. . . . .	VI-46-VI-47

## PART I INTRODUCTORY INFORMATION

### A. Facility Identifying Information:

Owner/Company Name: *Wm Bolthouse Farms*

Owner Mailing Address: *WM Bolthouse Farms*  
7200 East Brundage Lane  
Bakersfield, California 93307

Facility Name: *Bolthouse Farms*  
Facility Location: District Wide  
Antelope Valley AQMD,  
California, 93535

AVAQMD Federal Operating Permit Number: 180403054

AVAQMD Company Number: 1804

AVAQMD Facility Number: 03054

Responsible Official: Scott LaPorta  
Title: Executive Vice President  
Phone Number: 661 366-7209

Facility "Site" Contacts: Sam Kingston  
Title: Mobile Asset Manager  
Phone Number: 661 366-7209 ext. 1448  
Fax Number: 661 616-1316

Nature of Business: Agriculture

SIC Code: 0161, Vegetables and Melons  
Facility Location: UTM (Km) 395-E / 3840-N

B. DESCRIPTION OF FACILITY:

Federal Operating Permit (FOP number: 180403054) for WM Bolthouse Farms which is located within Section 33, Township 6 North, Range 12 West, of the San Bernardino County Meridian, Los Angeles County, California. WM Bolthouse Farms conducts agricultural operations throughout the Antelope Valley AQMD at various locations primarily engaging in the planting and harvesting of carrot crops. California SB 700 is one of a package of air quality bills signed in 2003. Prior to the adoption of SB 700 agricultural operations were exempt from permitting requirements. The adoption of SB eliminated the agricultural equipment exemption at the state level, and resulted in Federal Operating Permit requirements for agricultural operations which emitted over the major source emissions thresholds pursuant to District Rule 3001(S). Major sources are those that emit more than 100 tons of PM<sub>10</sub>, 25 tons of emissions per year of NO<sub>x</sub> and VOC or 10 tons per year of any single HAP or 25 tons per year of any combination of HAP. Title V permits are subject to the Environmental Protection Agency (EPA) and public review and generally contain more monitoring, recordkeeping, and reporting requirements based on federal regulations.

The various facilities are permitted to operate diesel internal combustion engines that drive irrigation pumps used for the watering of crops. Agricultural diesel ICE are subject to the Airborne Toxic Control Measure for Stationary Compression Ignition Engines (Section 93115 of Title 17 of the California Code of Regulations), sometimes referred to as the stationary Air Toxics Control Measure (ATCM). Originally, the ATCM only regulated new stationary diesel agricultural engines over 50 horsepower, and required that engines installed after January 1, 2005 must meet new engine emission standards. However, recent amendments to the ATCM added Particulate Matter emission limits and other requirements for in-use stationary diesel agricultural engines over 50 horsepower. The in-use and new engine requirements are now effective.

Miscellaneous fugitive and non-fugitive sources of emissions include particulate matter (PM) generated from the use of unpaved roads, PM from tilling of the fields, excavation and chipping/grinding/spreading activities.

C. EQUIPMENT LIST

Permit #	PermitDesc	EquipmentDesc	BHPRating	NbrCylinders	RPMRating	MaxFuelUsage	FuelUsageRate	Manufacturer	ModelNbr	SerialNbr	ICEFuelType
B010208	DIESEL IC ENGINE, AGRICULTURAL PUMP,	ENG00272 @ 160 E & Ave 58, Yr of Mfg 2005, Yr of Installation is unknown (use YOM). USEPA Tier 2 PM10 is 0.10 g/bhp-hr. Engine Family 5VPXL12.1ABA	394	6	1800	19	gal/hr	Volvo	TWD 1240 VE	2012489489	Diesel
B010227	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00297) @ 65th & Avenue I 8, Tier 3, Yr of Mfg 2005, Engine Family 5CPXL15.2ESK	440	6	1800	14	gal/hr	Caterpillar	C-15	JRE01070	Diesel
B010228	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00282) @ 65th E & Ave K, TIER 2, Date of install unknown, use YOM, Yr of Mfg 2005, Engine Family 5VPXL12.1ABA	400	6	1800	10	gal/hr	Volvo	TWD1240VE	2012490076	Diesel
B010229	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00268) @95TH e & Ave K4; Date of Install-unknown, Tier 2 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2005; 5VPXL12.1ABA	400	6	1800	10	gal/hr	Volvo	TWD1240VE	2012489490	Diesel
B010244	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	@ 55TH St E & Ave I; equipment # ENG00264. Date of Install-unknown, use YOM, Yr of Mfg 2004, Tier 2 (PM; 0.11g-bhp/hr), Engine Family 4DZXL07.1034 ,	261	6	1800	10	gal/hr	Volvo	TAD721VE	5301029055	Diesel
B010245	DIESEL IC ENGINE, AGRICULTURAL PUMP (ENGINE 35)	Sited at 55TH St & Ave I, Yr of Mfg 2005, Installation date unknown - use YOM. USEPA Tier 2 with PM10 level of 0.11 g/bhp-hr. Facility ID # ENG00265.	252	6	1800	10	gal/hr	John Deere	6125HF070	RG6125H046811	Diesel
B010246	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	@ Ave I 4 & 65th St East; equipment # ENG00262, Date of Install - unknow, use YOM, Yr of Mfg 2005, EPA Tier 2 (PM 0.11 g/bhp-hr), Family: 5VPXL07.3ACB	288	6	1800	14	gal/hr	Volvo	TAD721VE	5300891414	Diesel
B010247	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ 60TH St E & Ave J4;Equipment # ENG00283. Date of Install unknown, use YOM, Yr of Mfg 2005, EPA Tier 2 ( PM; .10 g/bhp-hr) EPA Family Name 5VPXL12.1ABA	400	6	1800	10	gal/hr	Volvo	TAD1240VE	2012489492	Diesel
B010248	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	District Wide location, Equipment # ENG00072 , Date of Install-unknown, Use YOM,Yr of Mfg 2001, Tier 1 (PM; 0.2 g/bhp-hr) EPA Family Name 1CEXL0505ABB	230	6	1800	12	gal/hr	Cummins	6CTA 8.3	46129787	Diesel

AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
 AVAQMD District-wide  
 Federal Operating Permit Number: 180403054

B010250	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ Ave J & 55th St East, Equipment # ENG00074, Yr of Mfg 1999, Engine Family XCEXL0505ABB.	240	6	1800	13 gal/hr	Cummins	6CTA 8.3	45888871	Diesel
B010254	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ 110th St & J, Equipment # ENG00261, Yr of Mfg tbd Used 2005 as Yr of Mfg. EPA Tier 2 (PM; 0.08 g/bhp-hr)	600	6	1800	16 gal/hr	Volvo	TAD1642VE	2016003979	Diesel
B010255	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ 95TH St E & Ave K, Equipment # ENG00136 Yr of Mfg 2002, EPA Tier 2 (PM; 0.075 g/bhp-hr) EPA Family Name 2CEXL015.AAA	500	6	1800	24 gal/hr	Cummins	QSX15	14045166	Diesel
B010259	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00270) @ 45th St E & Ave K; Date of install-unknown, use YOM, Year of Manufacture-2005, PM emission level-0.10 g/bhp-hr, EPA Family Name 5VPXL12.1ABA (ENG00273) @ 172nd St E & Ave S, Yr of Mfg 2005; Date of install unknown- use YOM, Tier 2 (Diesel PM level-0.10g/bhp-hr), EPA Family Name 5VPXL12.1ABA.	400	6	1800	18 gal/hr	Volvo	TWD1240VE	2012490139	Diesel
B010260	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00168) @ 165TH St E & Ave R, Yr of Mfg 2003; In-use, Tier 2 w/ PM emission level of 0.05g/bhp-hr, EPA Family Name 3CEXL015.AAA	400	6	1800	18 gal/hr	Volvo	TWD1240VE	2012490140	Diesel
B010262	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00179) @ 65th St E & Ave I, Yr of Mfg 2001; date of install-unknown(use YOM), Tier 1 w/ diesel PM level @ 0.19 g/bhp-hr, EPA Family Name 1CEXL0505.ABB.	500	6	1800	23 gal/hr	Cummins	QSX15-A500	7900252	Diesel
B010263	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	(ENG00179) @ 65th St E & Ave I, Yr of Mfg 2001; date of install-unknown(use YOM), Tier 1 w/ diesel PM level @ 0.19 g/bhp-hr, EPA Family Name 1CEXL0505.ABB.	230	6	1800	12 gal/hr	Cummins	C8.3-C	46153687	Diesel
B010264	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00334) @ E Ave J & 100 St E, Yr of Mfg 2002; Date of install unknown (use YOM), EPA Tier 1 with PM level of 0.1 g/bhp-hr	475	6	1750	24 gal/hr	Cummins	N14	12043751	Diesel
B010265	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00007) @ East Ave L & 80th St E, Yr of Mfg 2002; Tier 1 w/ diesel PM level of 0.20 g/bhp-hr, EPA Family Name 2CEXL0505ABA (ENG00017) @ E Ave K4 & 100th St E, Year of Manufacture 1999; EPA Tier 1 w/ diesel PM level @ 0.15 g/bhp-hr, EPA Family Name XCEXL0505ABB	260	6	1800	14 gal/hr	Cummins	6CTA	46185521	Diesel
B010266	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	(ENG00017) @ E Ave K4 & 100th St E, Year of Manufacture 1999; EPA Tier 1 w/ diesel PM level @ 0.15 g/bhp-hr, EPA Family Name XCEXL0505ABB	240	6	1800	14 gal/hr	Cummins	6CTA	45888876	Diesel
B010269	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00332 @ 70th St E & E Ave K, Yr of Mfg 1999; Date of install unknown (use YOM), EPA Tier 1 w/ PM @ 0.1 g/bhp-hr, EPA Family Name XCEXL0855AAA.	475	6	1800	24 gal/hr	Cummins	N-14	11970487	Diesel
B010270	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00040 @ Lancaster Maintenance Shop, Yr of MFG 1999 (recondition); EPA Tier 0	400	6	1800	20 gal/hr	Cummins	855-BC3	60507922	Diesel

AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
 AVAQMD District-wide  
 Federal Operating Permit Number: 180403054

B010271	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00044) @ Lancaster Maintenance Shop, Year of Manufacture-2001; Date of install- unknown (use YOM), EPA Tier 1, EPA Family Name 1CEXL0505ABB.	230	6	1800	17 gal/hr	Cummins	6CTA	46153706	Diesel
B010272	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00060) @ 40TH St E & Ave K, Yr of Mfg 1999; Install date unknown(use YOM), EPA Tier 1 w/ PM level at 0.1g/bhp-hr, EPA Family Name XCEXL0855AAA.	475	6	1800	24 gal/hr	Cummins	N14	11970488	Diesel
B010273	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00047) @ E Ave K & 90th St E, Yr of Mfg 1999(Reconditioned); EPA Tier 0	400	6	1800	20 gal/hr	Cummins	855-BC3	60511203	Diesel
B010274	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00063) @ 90TH St E & Ave K, Yr of Mfg 2002; Date of install unknown, use YOM, EPA Tier 2 w/ PM level of 0.05 g/bhp-hr, EPA Family Name 2CEXL0661AAC.	335	6	1800	16 gal/hr	Cummins	QSM11-C	35068537	Diesel
B010275	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00014) @ E Ave K4 & 100th St E, Yr of Mfg 1999; Date of install unknown (use YOM), EPA Tier 1 with a PM level of 0.1 g/bhp-hr, EPA Family Name XCEXL0855.AAA.	475	6	1800	24 gal/hr	Cummins	N14	11970489	Diesel
B010276	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00005) @ Ave J & 55th St E, Yr of Mfg 1999; Date of install unknown (use YOM), EPA Tier 1 with a PM level of 0.1 g/bhp-hr, EPA Family Name XCEXL0855AAA.	475	6	1800	24 gal/hr	Cummins	N14	11970486	Diesel
B010284	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00181) @ 110 St E & Ave K, Yr of Mfg 1998(Reconditioned) ; EPA Tier 0	400	6	1800	20 gal/hr	Cummins	855-BC3	60507887	Diesel
B010285	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00175) @ Lancaster Maintnenace Shop, Yr of Mfg 1998 (Recondition); EPA Tier 0	400	6	1800	20 gal/hr	Cummins	NTA855	60507825	Diesel
B010290	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ 155th St E & Ave R; Equipment # ENG00065, Date of Install-unknown, Use YOM, Yr of Mfg 2002, EPA Tier 2 (PM; 0.05 g/bhp-hr) EPA Family Name 2CEXL015.AAA	450	6	1800	17 gal/hr	Cummins	QSX15	14035503	Diesel
B010292	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ 55th St E & Ave K, Equipmmt # ENG00134, Yr of Mfg 2001, EPA Tier 1 (PM 0.19 g/bhp-hr) EPA Family Name 1CEXL0505ABB	240	6	1800	8 gal/hr	Cummins	6CTA	46085384	Diesel
B010299	DIESEL IC ENGINE, AGRICULTURAL PUMP	240th St E & Ave R8, Equipment # ENG00070, Yr of Mfg 2001 (reconditioned), EPA Tier 0 (PM 0.42 g/bhp-hr)	400	6	1800	10 gal/hr	Cummins	NTA855 (recondione d) P-400	G0514311	Diesel



AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
*AVAQMD District-wide*  
 Federal Operating Permit Number: 180403054

B010300	DIESEL IC ENGINE, AGRICULTURAL PUMP	@ s 100st & Ave K; Equipment # ENG00130, Date of install - unknown, Use YOM, Yr of mfg 1998(reconditioned), EPA Tier 0 (PM:0.42 g/bhp-hr)	400	6	1800	10 gal/hr	Cummins	855-BC3 (reconditione d)	60507285	Diesel
B010346	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00105) @ 250th St E and Ave R8. Yr of mfg 2002; Date of install unknown (use YOM). EPA Tier 2 with PM level at 0.08 g/bhp-hr. EPA Family 2CEXL0661AAC	335	6	1800	16 gal/hr	Cummins	QSM11-CC	35074116	Diesel
B010347	DIESEL IC ENGINE, AGRICULTURAL PUMP	Located at 175TH St E & Ave S. Yr of Mfg 2005. Date of Installation Unknown (Use YOM), EPA Tier 2 w/PM Level at 0.10 gm/bhp-hr. Facility ID # ENG00267.	394	6	1600	19 gal/hr	Volvo	TWD1240VE	2012490702	Diesel
B010348	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 95TH St E & Ave K, Year of Mfg is 1999. Year of installation unknown: use YOM. USEPA Tier 1 with PM10 level of 0.20 g/bhp-hr. EPA Engine Family XCEXL0505ABB. Facility ID # ENG00083.	240	6	2200	13 gal/hr	Cummins	CTA 8.3	45908664	Diesel
B010349	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at LAT 34.40.57N, LONG 117.58.10 W, Year of Mfg 1999. Year of installation unknown: use YOM. USEPA Tier 1 engine with PM10 level of 0.20 g/bhp-hr. EPA Engine Family XCEXL0505ABB. Facility ID # ENG00092.	250	6	1800	13 gal/hr	Cummins	6CTA	45908660	Diesel
B010350	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 40TH St E & Ave K. Year of Mfg 1999. Year of installation unknown: use YOM. USEPA Tier 1 engine with PM10 level of 0.2 g/bhp-hr. EPA Engine Family XCEXL0505ABB. Facility ID # ENG00143.	240	6	2200	13 gal/hr	Cummins	6CTA 8.3 (C 8.3-C)	45888558	Diesel
B010351	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 70TH St E & Ave K. Year of Mfg 1999. Year of installation unknown: use YOM. USEPA Tier 1 engine with PM10 level of 0.2 g/bhp-hr. EPA Engine Family XCEXL0505ABB. Facility ID # ENG00121.	240	6	2200	13 gal/hr	Cummins	6CTA 8.3 (C8.3-C)	45888866	Diesel
B010352	DIESEL IC ENGINE, AGRICULTURAL PUMP	Located at 162ND St E & Ave S. Year of Mfg 2004. Year of installation unknown: use YOM. USEPA Tier 2 with PM10 level of 0.053 g/bhp- hr. Facility ID # ENG00129.	475	6	2200	23 gal/hr	Cummins	N-14-C	12039346	Diesel

AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
 AVAQMD District-wide  
 Federal Operating Permit Number: 180403054

B010353	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at Ave J8 & 40th St E, Yr of Mfg 1997. Year of installation unknown: use YOM. USEPA Tier 1 with PM10 level of 0.1 g/bhp-hr. Facility ID # ENG00119.	230	6	1800	16 gal/hr	Cummins	C413 / 6CTA	45485303	Diesel
B010363	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 95TH St E & Ave K, Yr of Mfg 2002. Year of installation unknown: use YOM. USEPA Tier 2 with PM10 level of 0.17 g/bhp-hr. Facility ID # ENG00152.	240	6	2200	14 gal/hr	Cummins	QSC 8.3	46216770	Diesel
B010364	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 165th St E & Ave R, Yr of Mfg 2003. Year of installation unknown: use YOM. USEPA Tier 2 engine with PM10 level of 0.13 g/bhp-hr. EPA Engine Family 3CEXL0505ABC. Facility ID # ENG00078.	260	6	2200	13 gal/hr	Cummins	QSC 8.3	46284924	Diesel
B010365	DIESEL IC ENGINE, AGRICULTURAL PUMP	Located at 165th St E & Ave R, Yr of Mfg 2002. Year of installation unknown: use YOM. USEPA Tier 2 engine with PM10 level of 0.07 g/bhp-hr. EPA Engine Family 2CEXL015AAA. Facility ID # ENG00155.	500	6	2100	25 gal/hr	Cummins	QSX 15	14045107	Diesel
B010366	DIESEL IC ENGINE, AGRICULTURAL PUMP	Located at 160TH St E & Ave T, Yr of Mfg 2002. Year of installation unknown: use YOM. USEPA Tier 2 engine with PM10 level of 0.07 g/bhp-hr. EPA Engine Family 2CEXL015AAA. Facility ID # ENG00167.	500		2100	25 gal/hr	Cummins	QSX 15- A500	14045134	Diesel
B010367	DIESEL IC ENGINE, AGRICULTURAL PUMP	Located at 165TH St E & Ave R8, Yr of MFG 2002. Year of installation unknown: use YOM. USEPA Tier 2 engine with PM10 level of 0.07 g/bhp-hr. EPA Engine Family 2CEXL015.AAA. Facility ID # ENG00099.	500	6	2100	25 gal/hr	Cummins	QSX15-A500	14045133	Diesel
B010369	DIESEL IC ENGINE, AGRICULTURAL PUMP	Located at 165TH St E & Ave R4, Yr of Mfg 2003. Year of installation unknown: use YOM. USEPA Tier 2 engine with PM10 level of 0.053 g/bhp-hr. EPA Engine Family 3CEXL015.AAA. Facility ID # ENG00111.	500	6	2100	25 gal/hr	Cummins	QSX - 15	79002566	Diesel
B010370	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 100 St E & Ave K, Yr of mfg 1999. Year of installation unknown: use YOM. USEPA Tier 1 with PM10 level of 0.2 g/bhp-hr. Facility ID # ENG00303.	240	6	2200	13 gal/hr	Cummins	6CTA C- 8.3C	45908675	Diesel
B010371	DIESEL IC ENGINE, AGRICULTURAL USE BOOSTER PUMP	Yr of Mfg 1997. Year of installation unknown: use YOM. USEPA Tier 1 engine with PM10 level of 0.2 g/bhp-hr. EPA Engine Family VJD7.6R6DBRB. Facility ID # ENG00095.	217	6	2200	15 gal/hr	John Deere	6076A	RG6076A59024 6	Diesel

AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
*AVAQMD District-wide*  
 Federal Operating Permit Number: 180403054

B010374	DIESEL IC ENGINE, AGRICULTURAL BOOSTER PUMP	Located at 70TH St E & Ave J, Yr of Mfg 2001. Year of installation unknown: use YOM. USEPA Tier 1 with PM10 level of 0.25 g/bhp-hr. EPA Engine Family 1CEXL0505ABB. Facility ID # ENG00110.	230	6	2200	12 gal/hr	Cummins	6CTA (C8.3- C)	46118788	Diesel
B010424	DIESEL IC ENGINE, STATIONARY WATER WELL PUMP	ENG00191 @ Lancaster Maintenance Shop, Yr of Mfg 1998; Tier 0	400	6	1800	20 gal/hr	Cummins	NTA855-BC3	60507888	Diesel
B010463	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00330 @ 60th St E & Ave K, date of install- unknown, used YOM, Tier 1 Engine with PM emission rate of 0.10g/bhp-hr., Yr of Mfg 1998	475			24 gal/hr	Cummins	N14	11905948	Diesel
B010464	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00253 @ 165th St E & Ave R4; Date of install - unknown, Tier 2 w/PM emission rate of 0.05 g/bhp-hr, Yr of Mfg 2002.	500	6		24 gal/hr	Cummins	QSX15-C	14045080	Diesel
B010507	DIESEL IC ENGINE, AGRICULTURAL PUMP	(ENG00209) @ 50TH Street E & Ave I, Date of install-unknown, Tier 0 w/PM level of 0.40 g/bhp-hr, Yr of Mfg 1997	400	6		14 gal/hr	CUMMINS	NTA 855- BC3	60504792	Diesel
B010508	DIESEL IC ENGINE, AGRICULTURAL GENERATOR	ENG00256 @ unknown location, Date of install unknown, Tier 2 w/ PM level of 0.30 g/bhp-hr, Yr of Mfg 2005	71	4		4 gal/hr	John Deere	PE4024T	PE4042T02633 2	Diesel
B010509	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00259 @ 90th St E & Ave K8, Date of install - unknown, Tier 2 w/ PM level 0.05 g/bhp- hr, Yr of Mfg 2005	500	6		37 gal/hr	Caterpillar	C-16	BFM01730	Diesel
B010510	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00271 @ 95TH St E & Ave K, Date of install - unknown, Tier 2 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2005	394	6		19 gal/hr	Volvo	TWD1240VE	2012490075	Diesel
B010511	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00260 @ 162nd St E & Ave S, Date of install - unknown, Tier 2 w/ PM level of 0.10 g/ bhp-hr, Yr of Mfg 2005	416	6		19 gal/hr	Volvo	TAD1241VE	2012477690	Diesel
B010512	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00238 @ 55TH St E & Ave K; Date of install - unknown, Tier 2 w/PM level of 0.10 g/bhp-hr, Yr of Mfg 2001	600	6		28 gal/hr	Cummins	QSX 15-C	14017453	Diesel
B010513	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00196 @ 95TH St E & Ave L; Date of install - unknown, Tier 1 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2000	480	6		23 gal/hr	Cummins	N-14-C	12039065	Diesel

AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
*AVAQMD District-wide*  
 Federal Operating Permit Number: 180403054

B010514	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00193 @ 70th St E & Ave K8, Date of install - unknown, Tier 1 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2000	480	6		23 gal/hr	Cummins	N14-C	12037148	Diesel
B010515	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00206 @ 40TH St E & Ave J; Date of install - unknown, Tier 1 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2000	480	6		23 gal/hr	Cummins	N14	12043750	Diesel
B010516	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00251 @ 75TH St E & Ave J, Date of install - unknown, Tier 1 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2001, EPA Family Name XCEXL0855AAA	480	6		23 gal/hr	Cummins	N-14	12039066	Diesel
B010517	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00274 @ 50th St E & Ave P, Date of install - unknown, Tier 2 w/ PM level of 0.10 g/bhp-hr, Yr of Mfg 2005	394	6		19 gal/hr	Volvo	TWD1240VE	2012489491	Diesel
B010535	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00335, Tier II w/PM level of 0.22g/bhp-hr, 4SZXL04.3GTG, One Isuzu, Diesel fired internal combustion engine, Model No. FT- 4BG1T and Serial No. 199268	64	4		5 gal/hr	Isuzu	FT-4BG1T	199268	Diesel
B010536	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00333 @ 90TH St E & Ave L, Date of install - unknown, Teir 0 w/PM level of 0.00g/bhp-hr, Yr of Mfg 1984	400	6		21 gal/hr	Cummins	NTA 855 RECON TO C-400	60514046	Diesel
B010537	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00249 @ 52nd St E & Ave K, Date of install - unknown, Tier 0 w/PM level of 0.00g/bhp-hr, Yr of Mfg 1984	400	6		gal/hr	Cummins	NTA 855 RECON TO C-400	60507923	Diesel
B010538	DIESEL IC ENGINE, AGRICULTURAL PUMP	ENG00199 @ 65TH St E & Ave J, Date of install - unknown, Tier 0 w/ PM level of 0.00g/bhp-hr, Yr of Mfg 1984	400	6		21 gal/hr	Cummins	NTA 855 RECON P- 400	60515730	Diesel

## PART II

### FACILITYWIDE APPLICABLE REQUIREMENTS

#### A. REQUIREMENTS APPLICABLE TO ENTIRE FACILITY AND EQUIPMENT:

1. An owner or operator may demonstrate compliance with an emission limitation of a specific District Rule by means of an Alternative Emission Control Plan (AECp).

[Rule 108 - *Alternative Emission Control Plans*, SIP: Submitted as adopted 5/17/05; approved 8/30/93. 40 CFR 52.220(c)(182)(i)(A)(3); Current Rule Version = 5/17/05]

2. An owner or operator of a stationary source using adhesives, coatings, solvents, and/or graphic arts materials and subject to this rule shall maintain daily records of operations for the most recent two (2) year period. The records shall be retained on the premises of the affected operation for a period of not less than two (2) years. Said records shall be made available to the District upon request.

[Rule 109 - *Recordkeeping for Volatile Organic Compound Emissions*, SIP: Submitted as amended 5/17/05; approved: 4/13/95, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Limited Approval/Disapproval 8/30/95, 58 FR 45444, 40 CFR 52.220(c)(182)(i)(A)(2); Current Rule Version = 5/17/05]

3. A permit is required to build, erect, install, alter or replace any equipment, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce or control the issuance of air contaminants

[Rule 201 – *Permit to Construct*, SIP: Submitted as amended 8/19/97 on 3/10/98; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 8/19/97]

4. A person constructing and/or operating equipment pursuant to a permit to construct issued by the federal Environmental Protection Agency shall construct the equipment in accordance with the conditions set forth in that permit, and shall operate the equipment at all times in accordance with such conditions.

[Rule 201.1 - *Permit Conditions In Federally Issued*

*Permits To Construct*, SIP: Submitted as adopted 1/5/90 on 12/31/90; Current Rule Version = 1/5/90]

5. A permit is required to operate this facility.

[Rule 203 - *Permit to Operate*; SIP: Submitted as amended 8/19/97 on 3/10/98; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 08/19/97]

6. The equipment at this facility shall not be operated contrary to the conditions specified in the District permit to operate.

[Rule 203 - *Permit to Operate*; SIP: Submitted as amended 8/19/97 on 3/10/98; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 08/19/97]

7. The Air Pollution Control Officer may impose written conditions on any permit.

[Rule 204 - *Permit Conditions*; [SIP: Submitted as amended 8/19/97 on 3/10/98; Submitted as amended 10/8/93 on 2/28/94; Submitted as amended 3/6/92 on 6/17/92; Submitted as amended 1/4/85 on 11/12/85; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 08/19/97]

8. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.

[Rule 204 - *Permit Conditions*; [SIP: Submitted as amended 8/19/97 on 3/10/98; Submitted as amended 10/8/93 on 2/28/94; Submitted as amended 3/6/92 on 6/17/92; Submitted as amended 1/4/85 on 11/12/85; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 08/19/97]

9. Posting of the permit to operate is required on or near the equipment or as otherwise approved by the APCO/District.

[Rule 206 - *Posting of Permit to Operate*; [SIP: Submitted as amended 8/19/97 on

3/10/98; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C); Submitted as amended on 8/19/97; Current Rule Version = 08/19/1997]

10. A person shall not willfully deface, alter, forge, or falsify any permit issued under District rules.

[Rule 207 - *Altering or Falsifying Of Permit*; SIP: Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B) and 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 01/09/76]

11. A person, required to obtain a permit for open burning pursuant to Rule 444, shall not set or allow any open outdoor fire without first having applied for and been issued a written permit for such fire by the Air Pollution Control Officer.

[Rule 208 - *Permit For Open Burning*; SIP: Submitted as amended 1/5/90 on 12/31/90; Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iii)(C); Current Rule Version = 1/5/90]

12. Permits are not transferable.

[Rule 209 - *Transfer And Voiding Of Permits*; SIP: Submitted as amended 1/5/90 on 12/31/90; Submitted as amended 11/1/85 on 6/4/86; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]; Current Rule Version = 01/05/90]

13. The APCO may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing.

[Rule 217 - *Provision for Sampling and Testing Facilities*; SIP: Submitted as amended 8/19/97 on 3/10/98; Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C); Current Rule Version = 08/19/97]

14. The equipment at this facility shall not require a District permit or be listed on the Title V permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements.

[Rule 219 - *Equipment Not Requiring a Written Permit*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(103)(xviii)(A), 40 CFR 52.220(c)(39)iv)(B), and 40 CFR 52.220(c)(31)(vi)(C)- 01/09/78 43 FR 52237; Current Rule Version = 01/16/01]

15. A person shall not conduct any operation for which these rules and regulations require a plan without first obtaining approval of such plan by the Air Pollution Control Officer (APCO) within the time interval expressed in said rules and regulations.

[Rule 221 - *Plans*; SIP: Approved 4/17/87, 52 FR 12522, 40 CFR 52.220(c)(165)(i)(B)(1); Current Rule Version = 5/17/05]

16. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.

[**SIP Pending:** Rule 225 - *Federal Operating Permit Requirement*; SIP: Submitted as adopted 3/17/98 on 2/16/99, Rule Adopted: 03/17/98]

17. Owner/Operator shall pay all applicable AVAQMD permit fees.

[Rule 301 - *Permit Fees*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(137)(vii)(B)- 10/19/84 49 FR 41028; Current Rule Version = 03/17/98]

18. Owner/Operator shall pay all applicable AVAQMD Title V Permit fees.

[Rule 312 - *Supplemental Fees for Federal Operating Permits*; Not SIP; Submitted as part of Title V Program amendment on TBD; Current Rule Version = 05/19/98]

19. A person shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of these rules. This rule shall not apply to cases in which the only violation involved is of Section 48700 of the Health and Safety Code, or Rule 402 of these Rules.



[Rule 408 – *Circumvention*; SIP: Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iii)(C); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A); Current Rule Version = 5/7/76]

20. Owner/Operator must comply with the applicable fuel sulfur requirements specified in Rules 431.1 and 431.2.

[Rule 431.1 - *Sulfur Content of Gaseous Fuels*; Version in SIP = 5/6/1983 Approved 10/19/84, 49 FR 41028, 40 CFR 52.220(c)(137)(vii)(B), Current Rule Version = 11/17/1995]

[Rule 431.2 - *Sulfur Content of Liquid Fuels*; Version in SIP = 2/2/1979 Approved 9/28/81, 46 FR 47451, 40 CFR 52.220(c)(65)(ii)], Current Rule Version = 5/4/1990]

21. No person shall supply any vehicular diesel fuel having a sulfur content exceeding 15 parts per million by weight. The 15 parts per million sulfur standard shall not apply where the person supplying the diesel fuel demonstrates as an affirmative defense that the exceedance was caused by diesel fuel delivered to the facility prior to July 15, 2006, the effective date of the requirement. California non-vehicular diesel fuel is subject to all of the requirements applicable to vehicular diesel fuel.

[California Code of Regulations, Title 13, Division 3 Chapter 5 (Standards for Motor Vehicle Fuels) Article 2. Standards for Diesel Fuel and California Code Of Regulations, Title 17. Public Health, Division 3. Air Resources Chapter 1. Air Resources Board Subchapter 7.5 Airborne Toxic Control Measures § 93114(b). Airborne Toxic Control Measure to Reduce Particulate Emissions from Diesel-Fueled Engines – Standards for Nonvehicular Diesel Fuel.]

23. Owner/Operator shall not discharge into the atmosphere from any equipment, except; stationary internal combustion engines, propulsion of mobile equipment, emergency venting due to equipment failure or process upset:

- (a) Carbon monoxide (CO) exceeding 2,000 ppm by volume measured on a dry basis, averaged over 15 consecutive minutes

- (b) Sulfur compounds which would exist as liquid or gas at standard conditions, calculated as sulfur dioxide (SO<sub>2</sub>) and averaged over 15 consecutive minutes, exceeding 500 ppm by volume.

The provisions of subsection (b) of this rule do not apply to equipment subject to the emission limits of Regulation XI rules and equipment which complies with the gaseous fuel sulfur content limits of Rule 431.1.

[Rule 407 - *Liquid and Gaseous Air Contaminants*; Version in SIP 4/2/1982 Approved 11/10/1982 47 FR 50864, 40 CFR 52.220(c)(124)(iv)(A); Current Rule Version = 4/2/1982]

- 24. Owner/Operator shall not discharge into the atmosphere from this facility, carbon monoxide (CO) exceeding 2000 ppm, on a volume per volume basis, measured on a dry basis, averaged over a minimum of 15 consecutive minutes.

- (a) The provisions of this condition shall not apply to emissions from internal combustion engines.

[Rule 407 - *Liquid and Gaseous Air Contaminants*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(C) - 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]

- 25. A person shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of these rules.

- (a) This condition shall not apply to cases in which the only violation involved is of Section 48700 of the Health and Safety Code, or Rule 402 of these Rules.

[Rule 408 - *Circumvention*; Version in SIP = 5/7/1976 Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iii)(C); Current Rule Version = 5/7/1976]

- 26. Owner/Operator shall not discharge into the atmosphere from the burning of fuel, combustion contaminants exceeding 0.23 gram per cubic meter (0.1 grain per

cubic foot) of gas calculated to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions averaged over a minimum of 15 consecutive minutes.

- (a) The condition shall not apply to emissions from internal combustion engines.

[Rule 409 - *Combustion Contaminants*; Version in SIP = 8/7/1981 Approved 7/6/82, 47 FR 29231, 40 CFR 52.220(c)(103)(xviii)(A); Current Rule Version = 8/7/1981]

- 27. All coatings, diluents, thinners, solvents and methods of application not subject to another source-specific Regulation XI rule shall comply with AVAQMD Rule's 442, as included in Appendix A. Pursuant to Rule 442, a person shall not discharge VOCs into the atmosphere from all VOC containing materials, emissions units, equipment or processes subject to this rule, in excess of 540 kilograms (1,190 pounds) per calendar month per Facility.

- (a) The limits of this rule do not apply to aerosol products, pesticides including, herbicides, insecticides and/or rodenticides, or to the storage and transport of organic solvents.

[Rule 442 - *Usage of Solvents*; Version in SIP = 3/5/1982 Approved 11/16/1983, 48 FR 52054, 40 CFR 52.220(c)(125)(ii)(D); Current Rule Version = 11/15/2005; *Current version of the rule eliminates the hourly and daily limits, eliminates the references to photochemical and nonphotochemical reactivity, sets a facility-wide calendar monthly limit of 1190 pounds of VOC, and adds an exemption for aerosol products. For compliance purposes the current version of the rule shall apply*]

[Rule 204 – Permit Conditions; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

- 28. *Open Outdoor Fires* at this facility shall comply with the requirements of Rule 444.

[SIP: Submitted as amended 02/19/08 on mm/dd/yy; Submitted as amended 10/2/87 on 3/23/88;  
Approved 7/6/82, 47 FR 29231, 40 CFR 52.220(c)(104)(ii)(A); Disapproved, prior rules 57.1, 57.2, 57.3 and 57.4 retained 1/24/81, 46 FR 3883, 40 CFR 52.273(b)(7)(i); Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iii)(C)]

29. *Coating Of Metal Parts And Products* at this facility shall comply with the requirements of Rule 1107, including the VOC limits specified in Rule 1107 and listed in Appendix A.

[Rule 1107 - *Coating Of Metal Parts And Products*; Version in SIP = 5/12/1995 Approved 7/14/1995, 60 FR 36230, 40 CFR 52.220(c)(222)(i)(A)(1); Current Rule Version = 3/8/1996; *Current version of the rule includes an exemption for aerosol products. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

30. Owner/Operator's use of *Wood Products Coatings* at this facility shall comply with the requirements of Rule 1136, including the VOC limits specified in Rule 1136 and listed in Appendix A.

[Rule 1136 - *Wood Products Coatings*; Version in SIP = 9/8/1995 Approved 10/31/1995, 60 FR 55312, 40 CFR 52.220(c)(225)(i)(A)(1); Current Rule Version = 6/14/1996: *Current version adds coating categories, raises VOC limit for high solids stains, adds lb VOC/lb solid compliance option, and adds a transfer efficiency exemption for applying compliant materials. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

31. Confined abrasive blasting shall be used for all abrasive blasting operations at a facility except under the following conditions:  
(A) When steel or iron shot/grit is used.

(B) When the item to be abrasive blasted exceeds 8 feet in height, 8 feet in width, or 10 feet in length; or

(C) When the structure or surface is abrasive blasted at its permanent or ordinary location.

[Rule 1140 - *Abrasive Blasting*; SIP: Submitted as amended 8/2/85 on 11/21/85; Approved 9/28/81, 46 FR 47451, 40 CFR 52.220(c)(67)(i)(B); Current Rule Version = 8/2/85]

32. Owner/Operator's use of *Plastic, Rubber and Glass Coatings* at this facility shall comply with the requirements of Rule 1145, including the VOC limits specified in Rule 1145 and listed in Appendix A.

[Rule 1145 – *Plastic, Rubber and Glass Coatings*; Version in SIP = 1/10/1992 Approved 12/20/1993, 58 FR 66286, 40 CFR 52.220(c)(191)(i)(A)(1); Current Rule Version = 2/14/1997; *Current version references compliance with Rule 1171 in place of rule references to solvent cleaning and stripping requirements and adds an airbrush transfer efficiency exemption. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

33. *Adhesive Applications* at this facility shall comply with the requirements of Rule 1168, including the VOC limits specified in Rule 1168 and listed in Appendix A.

[Rule 1168 – *Adhesive Applications*; Version in SIP = SIP Pending; Submitted as amended 12/10/1993 on 10/19/1994. Current Version = 4/11/1997]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

34. Owner/Operator of this facility shall comply with the Solvent Cleaning Operations requirements of District Rule 1171 as listed in Appendix A.

[Rule 1171- *Solvent Cleaning*; Version in SIP = 9/13/1996 Approved 5/24/2001, 66 FR 28666, 40 CFR 52.220(c)(262)(i)(e)(2); Current Rule Version = 11/17/1998; *Current version of the rule limits solvents used for repair and*

*maintenance cleaning to 900 g/l VOC or 20 mmHg composite partial pressure at 20 degrees C. For compliance purposes the current version of the rule shall apply.]*

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

35. All paint, coating, solvent, adhesive or resin containers including drums, buckets, cans, pails, trays or other application containers shall be kept closed when not in use. All paints, coatings, solvents, adhesives or resins used shall be stored in non-absorbent, non-leaking containers and all evidence of spilled material shall be cleaned up immediately. All cloth and paper moistened with VOC-containing paints, coatings, solvents, adhesives or resins shall be stored in closed, non-absorbent, non-leaking containers.

[Rule 1107 - *Coating Of Metal Parts And Products*; Version in SIP = 5/12/1995 Approved 7/14/1995, 60 FR 36230, 40 CFR 52.220(c)(222)(i)(A)(1); Current Rule Version = 3/8/1996; *Current version of the rule includes an exemption for aerosol products. For compliance purposes the current version of the rule shall apply.]*

[Rule 1113 - *Architectural Coatings*; Version in SIP = 3/18/2003 Approved 8/6/2004, 69 FR 52432, 40 CFR 52.220(c)(316)(i)(F)(1); Current Rule Version = 3/18/2003]

[Rule 1168 – *Adhesive Applications*; Version in SIP = SIP Pending; Submitted as amended 12/10/1993 on 10/19/1994. Current Rule Version = 4/11/1997]

[Rule 1171- *Solvent Cleaning*; Version in = SIP 9/13/1996 Approved 5/24/2001, 66 FR 28666, 40 CFR 52.220(c)(262)(i)(e)(2); Current Rule Version = 11/17/1998: *Current version of the rule limits solvents used for repair and maintenance cleaning to 900 g/l VOC or 20 mmHg composite partial pressure at 20 degrees C. For compliance purposes the current version of the rule shall apply.]*

36. Owner/Operator's use of *Architectural Coatings* at this facility shall comply with the requirements of Rule 1113, including the VOC limits specified in Rule 1113 and listed in Appendix A.

[Rule 1113 - *Architectural Coatings*; Version in SIP = 3/18/2003 Approved 8/6/2004, 69 FR 52432, 40 CFR 52.220(c)(316)(i)(F)(1); Current Rule Version = 3/18/2003]

37. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, State, and Federal required Emission Inventories shall monitor and record for each unit the cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.

[40 CFR 70.6 (a)(3)(B) - *Periodic Monitoring Requirements*] (for Periodic Monitoring Requirements; see Part II and Part III conditions)

[Regulation 204 – *Permit Conditions*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

[California Clean Air Act, Health and Safety Code §§39607 and §§44300 et seq., and the Federal Clean Air Act, §110(a)(2)(F)(ii), codified in 40 CFR 60 Subpart Q]

38. Owner/Operator shall comply with the applicable provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*.

[40 CFR 61, subparts A and M]

39. Owner/Operator shall notify APCO/District at least 10 working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*.

[40 CFR 61.145.b]

40. Owner/Operator shall notify the APCO/District, on an annual basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations and

demolitions for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and applicability].

[40 CFR 61.145.b]

41. Total emissions of Hazardous Air Pollutants (HAP) at this facility shall be less than 10 tons per twelve months for any single HAP and less than 25 tons per twelve months for any combination of HAPs, calculated on a rolling twelve-month basis.

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

42. Operator shall keep adequate records to verify daily usage and daily VOC emissions in accordance with Rule 109. MSDS for all coatings, solvents, adhesives and other materials used in these operations shall be kept current, on-site, and provided to AVAQMD personnel upon request.

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

43. Facility shall comply with the applicable requirements of *Regulation XIII, New Source Review*.

[Regulation XIII- New Source Review; Version in SIP = SIP Pending; Submitted as amended 3/20/2001 on 10/31/2001; Approved for SCAQMD 12/4/1996, 61 FR 64291, 40 CFR 52.220(c)(240)(i)(A)(1); Conditionally Approved 6/9/1982, 47 FR 25013, 40 CFR 52.220(c)(87)(v)(A); Conditionally Approved 1/21/1981, 46 FR 5965, 40 CFR 52.220(c)(68)(i); Current Rule Version = 3/20/2001]

44. On and after January 10, 2011, owner/operator shall comply with all applicable provisions of 40 CFR 63, National Emission Standards for Hazardous Air Pollutants, subpart A, General Provisions, and subpart HHHHHH, Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources. The initial notification required pursuant to 40 CFR 63.11175(a) shall be submitted by January 11, 2010.



[40 CFR 63.11169 - 11180]

**B. FEDERAL AND STATE REQUIREMENTS**

1. Several Sections of the Federal Clean Air Act (FCAA) require the maintenance and use of emission inventory data for a variety of purposes. To improve and simplify emission reporting the USEPA has established new requirements for the statewide reporting of point, area and mobile sources emissions which is found in the Consolidated Emissions Reporting Rule, 40 CFR 51 Subpart A. (67 FR 39611, 6/10/2002).

The California Clean Air Act (CCAA, Health & Safety Code §§39000 et seq.) requires the collection and maintenance of several different emissions inventories.

These are: a criteria emission inventory (Health & Safety Code § 39607) and a toxic emission inventory (Health & Safety Code § 44340). In addition, specified sources of air pollutants are required to submit a Toxic Emission Inventory Plan (TEIP) and Toxic Emission Inventory Report (TEIR) (Health & Safety Code §§44341, 44342).

- (a) Owner/Operator shall submit Compliance Certifications as prescribed by Rule 3003(F)(1) and Rule 3008. Compliance Certifications by a Responsible Official shall certify the truth, accuracy and completeness of the document submitted and contain a statement to the effect that the certification is based upon information and belief, formed after a reasonable inquiry; the statements and information in the document are true, accurate, and complete.  
[40 CFR 70.6(c)(5)(i); Rule 3003(D)(1)(g)(vii); Rule 3003(F)(1); Rule 3008]
- (b) Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance.  
[40 CFR 70.6(c)(5)(ii); Rule 3003(D)(1)(g)(viii)]
- (c) Owner/Operator when submitting any Compliance Certification(s) to the AVAQMD shall contemporaneously submit such Compliance Certification(s) to USEPA.  
[40 CFR 70.6(5)(iii); Rule 3003(D)(1)(g)(ix)]
- (d) Owner/Operator shall comply with any additional certification requirements as specified in 42 U.S.C §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C.

§7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated thereunder.

[Rule 3003 (D)(1)(g)(x)]

- (e) On an annual basis, of any given year, Owner/Operator shall submit a *Compliance Certification Report*, within thirty (30) days of the anniversary of the date of the issuance or renewal of the Federal Operating Permit, to the APCO/District pursuant to District Rule 3003. Each report shall be certified to be true, accurate, and complete by “The Responsible Official” and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator.

[Rule 3003 (D)(1)(g)(v - x)]

2. Owner/Operator shall submit, on a semi-annual basis, a *Monitoring Report of Deviations* to the APCO/District, with a copy to the EPA Region IX Administrator. Each *Monitoring Report of Deviations* (covering a six month period) shall be submitted (1) no later than 30 days following the midpoint of the Federal Operating Permit Year (within two hundred and ten (210) days following the Title 5 Permit anniversary date) and (2) as a separate report accompanying the *Annual Compliance Certification*. This *Monitoring Report of Deviations* shall be certified to be true, accurate, and complete by “The Responsible Official” and shall include the following information and/or data:

- (a) Summary of all reportable deviations from any federally enforceable requirement in this permit.
- (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
- (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.
- (d) Summary of necessary requirements concerning use and maintenance of equipment including the installation and maintenance of monitoring equipment.

[3003(D)(1)(c)(i - iii); 3003(D)(1)(d)(i); Rule 3003(D)(1)(e)(i - ii); Rule 3003(D)(1)(g)(v - x)]

3. Owner/Operator shall promptly report all deviations from federal operating permit requirements including, but not limited to; any emissions in excess of permit conditions, deviations attributable to breakdown conditions, and any other

deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation. [Rule 3003(D)(1)(e)(ii) and Rule 430(D)]

Prompt reporting shall be determined as follows:

- (a) For deviations involving emissions of air contaminants in excess of permit conditions including but not limited to those caused by a breakdown, prompt reporting shall be within one hour of the occurrence of the excess emission or within one hour of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District.  
[Rule 430 - *Breakdown Provisions* Submitted in conjunction with Title V Program. Final Title V Program Approval 1/16/04 69 FR 2511]
  - (b) Other deviations from permit conditions not involving excess emissions of air contaminants shall be reported to the District with any required monitoring reports at least every six (6) months.  
[Rule 3003(D)(1)(e)(i)]
4. If any facility unit(s) should be determined not to be in compliance with any federally-enforceable requirement during the five (5) year permit term, then owner/operator shall obtain a *Schedule of Compliance* approved by the District Hearing Board pursuant to the requirements of AVAQMD Regulation 5 (Rules 501 – 518.2). In addition, Owner/Operator shall submit a *Progress Report* on the implementation of the *Schedule of Compliance*. The *Schedule of Compliance* shall contain the information outlined in (b), below. The *Progress Report* shall contain the information outlined in (c), below. The *Schedule of Compliance* shall become a part of this Federal Operating Permit by administrative incorporation. The *Progress Report* and *Schedule of Compliance* shall comply with Rule 3001(I)(3) and shall include:
- (a) A narrative description of how the facility will achieve compliance with such requirements; and
  - (b) A *Schedule of Compliance* which contains a list of remedial measures to be taken for the facility to come into compliance with such requirements, an enforceable sequence of actions, with milestones, leading to

compliance with such requirements and provisions for the submission of *Progress Reports* at least every six (6) months. The *Schedule of Compliance* shall include any judicial order, administrative order, and/or increments of progress or any other schedule as issued by any appropriate judicial or administrative body or by the District Hearing Board pursuant to the provisions of Health & Safety Code §42350 et seq.; and

- (c) *Progress Reports* submitted under the provisions of a *Schedule of Compliance* shall include: Dates for achieving the activities, milestone, or compliance required in the schedule of compliance; and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not or will not be met; and any preventive or corrective measures adopted due to the failure to meet dates in the schedule of compliance.

[Rule 3001 (I)(3); Rule 3003 (D)(1)(e)(ii); Rule 3003 (D)(1)(g)(v)]

C. FACILITYWIDE MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS:

1. Any data and records required to be generated and/or kept by any portion of this permit shall be kept current and on site for a minimum of five (5) years from the date generated pursuant to Title V Program requirements and shall be provided to District, State, or Federal personnel upon request.

[40 CFR 70.6(a)(3)(ii)(B); Rule 3003(D)(1)(d)(ii)]

2. Any reports generated from monitoring required by any portion of this permit shall be submitted by the facility Owner/Operator to the AVAQMD at least every six (6) months unless another time period is specified in the specific provision requiring monitoring.

[40 CFR 70.6(a)(3)(iii)(A); Rule 3003(D)(1)(e)(i)]

3. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's *Compliance Test Procedural Manual*. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's *Compliance Test Procedural Manual*. All emission determinations shall be made as stipulated in the *Written Test Protocol* accepted by the District. When proposed testing involves the same procedures followed in prior District approved testing, then the previously approved *Written Test Protocol* may be used with District concurrence.

[40 CFR 70.6 (a)(3)(B) - *Periodic Monitoring Requirements*](for Periodic Monitoring Requirements; see Part II and Part III conditions)

[Rule 204 - *Permit Conditions*; SIP: Submitted as amended 8/19/97 on 3/10/98; 40 CFR 52.220(c)(254)(i)(E)(3) – 02/22/05 70 FR 8557)]

4. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, State, and Federal required Emission Inventories shall monitor and record the following for each unit:

- (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank-fill records.

*[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements; see Part II and Part III conditions)*

[Rule 204 - *Permit Conditions*; SIP: Submitted as amended 8/19/97 on 3/10/98; 40 CFR 52.220(c)(254)(i)(E)(3) – 02/22/05 70 FR 8557)]

[California Clean Air Act, Health and Safety Code §§39607 and §§44300 et seq., and the Federal Clean Air Act, §110(a)(2)(F)(ii), codified in 40 CFR 60 Subpart Q]

- 5. Owner/Operator shall promptly report all deviations from federal operating permit requirements including, but not limited to; any emissions in excess of permit conditions, deviations attributable to breakdown conditions, and any other deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation.

[Rule 3003(D)(1)(e)(ii) and Rule 430(D)]

Prompt reporting shall be determined as follows:

- (a) For deviations involving emissions of air contaminants in excess of permit conditions including but not limited to those caused by a breakdown, prompt reporting shall be within one hour of the occurrence of the excess emission or within one hour of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District.

[Rule 430 - *Breakdown Provisions* Submitted in conjunction with Title V Program. Final Title V Program Approval 1/16/04 69 FR 2511]

- (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months.

[Rule 3003(D)(1)(e)(i)]

D. FACILITYWIDE COMPLIANCE CONDITIONS:

1. The Owner/Operator shall allow an authorized representative of the AVAQMD to enter upon the permit holder's premises at reasonable times, with or without notice.

[40 CFR 70.6(c)(2)(i); Rule 3003(D)(1)(g)(i)]

2. The Owner/Operator shall allow an authorized representative of the AVAQMD to have access to and copy any records that must be kept under condition(s) of this Federal Operating Permit.

[40 CFR 70.6(c)(2)(ii); Rule 3003(D)(1)(g)(ii)]

3. The Owner/Operator shall allow an authorized representative of the AVAQMD to inspect any equipment, practice or operation contained in or required under this Federal Operating Permit.

[40 CFR 70.6(c)(2)(iii); Rule 3003(D)(1)(g)(iii)]

4. The Owner/Operator shall allow an authorized representative of the AVAQMD to sample and/or otherwise monitor substances or parameters for the purpose of assuring compliance with this Federal Operating Permit or with any Applicable Requirement.

[40 CFR 70.6(c)(2)(iv); Rule 3003(D)(1)(g)(iv)]

5. If the Owner/Operator is operating pursuant to a Schedule of Compliance contained herein then the Owner/Operator shall submit a Progress Report regarding that Schedule of Compliance on a semiannual [6 month] basis unless a

shorter time is set forth in the Schedule of Compliance itself.

[40 CFR 70.6(c)(5)(i); Rule 3003(D)(1)(g)(vi)]

6. The Owner/Operator shall submit Compliance Certifications on an annual basis as prescribed by Rule 3003(F)(1). *Compliance Certifications* shall be submitted to the Antelope Valley Air Quality Management District and to the Administrator - USEPA Region 9 within thirty (30) days of the anniversary of the date of the issuance or renewal of the Federal Operating Permit, pursuant to District Rule 3003. This report shall identify each Applicable Requirement / federally-enforceable requirement in this permit, the compliance status of each subject process unit, whether the compliance was continuous or intermittent since the last certification, and the method(s) used to determine or monitor compliance. A responsible official shall certify each report to be true, accurate, and complete.

[40 CFR 72.90.a and Rule 3003 (D)(1)(g)(vii - x)]

[Rule 3003 (F)(1)]

[40 CFR 70.6(c)(5)(i); Rule 3003(D)(1)(g)(vii); Rule 3003(F)(1)]

[40 CFR 70.6(5)(iii); Rule 3003(D)(g)(ix)]

7. The Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance.

[40 CFR 70.6(c)(5)(ii); Rule 3003(D)(1)(g)(viii)]

8. Owner/Operator shall remain in compliance with all Applicable Requirements / federally enforceable requirements by complying with all compliance, monitoring, record-keeping, reporting, testing, and other operational conditions contained in this Federal Operating Permit. Any noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; the termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal application.

[Rule 3003 (D)(1)(f)(ii)]

9. Owner/Operator shall comply in a timely manner with all applicable requirements / federally - enforceable requirements that become effective during the term of this permit.



[Rule 3001 (I)(2)]

[Rule 3003 (F)(1)]

10. If any equipment is determined to not be in compliance with any federally-enforceable requirement during the 5 year permit term, the Owner/Operator shall obtain a *Schedule of Compliance* approved by the District Hearing Board pursuant to the requirements of AVAQMD Regulation 5 (Rules 501 – 518.2). In addition, the Owner/Operator shall submit a *Progress Report* on the implementation of the *Schedule of Compliance*. The *Schedule of Compliance* shall contain the information outlined in (b), below. The *Progress Report* shall contain the information outlined in (c), below. The *Schedule of Compliance* shall become a part of this Federal Operating Permit by administrative incorporation. The *Progress Report* and *Schedule of Compliance* shall comply with Rule 3001(I)(3) and shall include:
- (a) A narrative description of how the facility will achieve compliance with such requirements; and
  - (b) A *Schedule of Compliance* which contains a list of remedial measures to be taken for the facility to come into compliance with such requirements, an enforceable sequence of actions, with milestones, leading to compliance with such requirements and provisions for the submission of *Progress Reports* at least every six (6) months. The *Schedule of Compliance* shall include any judicial order, administrative order, and/or increments of progress or any other schedule as issued by any appropriate judicial or administrative body or by the District Hearing Board pursuant to the provisions of Health & Safety Code §42350 et seq.; and
  - (c) *Progress Reports* submitted under the provisions of a *Schedule of Compliance* shall include: Dates for achieving the activities, milestone, or compliance required in the schedule of compliance; and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not or will not be met; and any preventive or corrective measures adopted due to the failure to meet dates in the schedule of compliance.

[Rule 3001 (I)(3); Rule 3003 (D)(1)(e)(ii); Rule 3003 (D)(1)(g)(v)]

[Rule 430 - *Breakdown Provisions* Submitted in conjunction with Title V

Program. Final Title V Program Approval 1/16/04 69 FR 2511]

11. Owner/Operator shall comply with any additional certification requirements as specified in 42 U.S.C §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated there under.

[Rule 3003 (D)(1)(g)(x)]

12. Owner/Operator shall insure that all applicable subject processes comply with the provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*.

[40 CFR 61, subparts A and M]

13. Owner/Operator shall notify APCO/District at least 10 working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*.

[40 CFR 61.145.b]

14. Owner/Operator shall notify the APCO/District, on an **annual** basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations and demolitions for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and applicability].

[40 CFR 61.145.b]

15. Owner/Operator shall submit, on a semi-annual basis, a *Monitoring Report* to the APCO/District, with a copy to the EPA Region IX Administrator. Each *Monitoring Report of Deviations* (covering a six month period) shall be submitted (1) no later than 30 days following the midpoint of the Federal Operating Permit Year (within two hundred and ten (210) days following the Title 5 Permit anniversary date) and (2) as a separate report accompanying the *Annual Compliance Certification*. This *Monitoring Report of Deviations* shall be certified to be true, accurate, and complete by “The Responsible Official” and

shall include the following information and/or data:

- (a) Summary of deviations from any federally-enforceable requirement in this permit.
- (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
- (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.
- (d) Summary of necessary requirements concerning use and maintenance of equipment including the installation and maintenance of monitoring equipment.

[Rule 3003 (D)(1)(e)(i); and 3003(D)(1)(c)(i - iii)]

16. Owner/Operator shall promptly report all deviations from federal operating permit requirements including those attributable to breakdown conditions. Prompt reporting shall be determined for compliance with District Rule 430.

[Rule 3003 (D)(1)(e)(ii)]

[Rule 430 - *Breakdown Provisions* Submitted in conjunction with Title V Program. Final Title V Program Approval 1/16/04 69 FR 2511]

17. On an annual basis, of any given year, Owner/Operator shall submit a *Compliance Certification Report*, within 30 days of the anniversary of the date of the issuance or renewal of the Federal Operating Permit, to the APCO/District pursuant to District Rule 3003. This report shall identify each Applicable Requirement / federally-enforceable requirement in this permit, the compliance status of each subject process unit, whether the compliance was continuous or intermittent since the last certification, and the method(s) used to determine or monitor compliance. Each report shall be certified to be true, accurate, and complete by a responsible official and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator.

[40 CFR 72.90.a and Rule 3003 (D)(1)(g)(vii - x)]

### PART III

## EQUIPMENT SPECIFIC APPLICABLE REQUIREMENTS

#### A. CONDITIONS APPLICABLE TO PRIME DIESEL IC ENGINE, AGRICULTURAL IRRIGATION PUMP, AVAQMD PERMITS:

**B010208, B010227, B010228, B010229, B010244, B010245, B010246, B010247, B010248, B010250, B010254, B010255, B010259, B010260, B010262, B010263, B010264, B010265, B010266, B010269, B010270, B010271, B010272, B010273, B010274, B010275, B010276, B010284, B010285, B010290, B010292, B010299, B010300, B010346, B010347, B010348, B010349, B010350, B010351, B010352, B010353, B010363, B010364, B010365, B010366, B010367, B010369, B010370, B010371, B010374, B010424, B010463, B010464, B010507, B010508, B010509, B010510, B010511, B010512, B010513, B010514, B010515, B010516, B010517, B010535, B010536, B010537, B010538**

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
2. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.
3. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.
4. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
  - a. Annual operation in terms of engine location, fuel consumption (in gallons) and total hours; and,
  - b. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it

is maintained as part of this log).

Note; The specific location of engine must given by Street Address, UTM, or Latitude/Longitude coordinates.

5. This engine shall be used exclusively in "Agricultural Operations" only, as defined in 17 CCR 93115.4(a)(1). Agricultural Operations means the growing and harvesting of crops or the raising of fowl or animals for the primary purpose of making a profit, providing a livelihood, or conducting agricultural research or instruction by an educational institution. Agricultural operations do not include activities involving the processing or distribution of crops or fowl.

6. In accordance with the ATCM (17 CCR 93115.8(c)(3)), the owner or operator is required to notify the District in writing no later than fourteen (14) days after any change of owner or operator, change in location, installation or commencement of an emission control strategy, or replacement with an electric motor or non-compression ignition engine. Unless otherwise approved by the District, notifications shall be submitted using a District Application.

7. This diesel fired ICE is not currently limited in annual operations, but will become subject to the requirements of the Air Toxics "Hot Spots" program on January 1, 2012 (California Health and Safety Code, Subsection 44300) and is required to submit an emissions inventory to the District by March 31, 2013, which may result in an annual operations limitation.

8. This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

9. This equipment shall comply with all the applicable requirements of this facility's current federal operating permit including Part II - Facilitywide Applicable Requirements.

**Permit Conditions Specific to Permit Numbers: B010270, B010273, B010284, B010285, B010299, B010300, B010424, B010507, B010536, B010537, B010538**

10. ATCM compliance deadlines:

First Engine Compliance Deadline: This engine is subject to the emission standards of Section 93115.8(b)(2) and (4) as summarized in Table 6 of the ATCM. Specifically, this engine shall comply with a diesel PM standard not to exceed 0.15 g/bhp-hr, by no later than December 31, 2010.

Secondary Engine Compliance Deadline: Pending replacement with a like-sized Tier 1 or Tier 2 engine to meet the compliance date noted in condition number 9 above, this engine is required to further meet a diesel PM standard not to exceed 0.01 g/bhp-hr by December 31, 2014 or 12 years after the date of initial installation, whichever is later.

**Permit Conditions Specific to Permit Number: B010264**

10. Engine Compliance Deadline: This engine is subject to the emission standards of 17 CCR Section 93115.8(b)(3) and (4) as summarized in Table 7 of the ATCM. Specifically, this engine shall comply with a diesel PM standard not to exceed 0.01 g/bhp-hr by no later than December 31, 2012.

**Permit Conditions Specific to Permit Numbers: B010248, B010250, B010255, B010263, B010265, B010266, B010269, B010272, B010274, B010275, B010276, B010290, B010292, B010346, B010348, B010350, B010351, B010352, B010353, B010354, B010363, B010365, B010366, B010367, B010370, B010371, B010374, B010463, B010464, B010512, B010513, B010514, B010515, B010516**

10. Engine Compliance Deadline: This engine is subject to the emission standards of 17 CCR Section 93115.8(b)(3) and (4) as summarized in Table 7 of the ATCM.. Specifically this engine shall comply with a diesel PM standard not to exceed 0.01 g/bhp-hr by no later than December 31, 2014.

**Permit Conditions Specific to Permit Numbers: B010262, B010363, B010364, B010366**

10. Engine Compliance Deadline: This engine is subject to the emission standards of 17 CCR Section 93115.8(b)(3) and (4) as summarized in Table 7 of the ATCM.. Specifically this engine shall comply with a diesel PM standard not to exceed 0.01 g/bhp-hr by no later than December 31, 2015.

**Permit Conditions Specific to Permit Number: B010535**

10. Engine Compliance Deadline: This engine is subject to the emission standards of 17 CCR Section 93115.8(b)(3) and (4) as summarized in Table 7 of the ATCM.. Specifically this engine shall comply with a diesel PM standard not to exceed 0.01 g/bhp-hr by no later than

December 31, 2015.

11. This engine shall not be operated at a location such that emissions from the facility, as defined in District Rule 3001(M), classify the facility as a major source as defined in District Rule 1301(LL) and 3001(S).

**Permit Conditions Specific to Permit Numbers: B010244, B010508**

10. After December 31, 2016, this engine shall be subject to the emission standards of 17 CCR Section 93115.8(b)(3) and (4) as summarized in Table 7 of the ATCM.. Specifically this engine shall comply with a diesel PM standard not to exceed 0.01 g/bhp-hr by no later than December 31, 2016

**Permit Conditions Specific to Permit Numbers: B010208, B010228, B010229, B010246, B010247, B010254, B010259, B010260, B010347, B010509, B010510, B010511, B010517**

10. This engine shall be subject to the new engine emission standards summarized in table 5 of section 93115.8(a) of the ATCM until December 31, 2017, at which time, it shall be considered an in-use engine subject to the requirements of section 93115.8(b)(3) and (4), as summarized in Table 7 of the ATCM. Specifically this engine shall comply with a diesel PM standard not to exceed 0.01 g/bhp-hr by no later than December 31, 2017.

## PART IV

### STANDARD FEDERAL OPERATING PERMIT CONDITIONS

A. STANDARD CONDITIONS:

1. If any portion of this Federal Operating Permit is found to be invalid by the final decision of a court of competent jurisdiction the remaining portion(s) of this Federal Operating Permit shall not be affected thereby.

[40 CFR 70.6(a)(5); Rule 3003(D)(1)(f)(i)]

2. Owner/Operator shall comply with all condition(s) contained herein. Noncompliance with any condition(s) contained herein constitutes a violation of the Federal Clean Air Act and of AVAQMD Regulation XII and is grounds for enforcement action; termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal of this Federal Operating Permit.

[40 CFR 70.6(a)(6)(i); Rule 3003(D)(1)(f)(ii)]

3. It shall not be a defense in an enforcement action brought for violation(s) of condition(s) contained in this Federal Operating Permit that it would have been necessary to halt or reduce activity to maintain compliance with those condition(s).

[40 CFR 70.6(a)(6)(ii); Rule 3003(D)(1)(f)(iii)]

4. This Federal Operating Permit may be modified, revoked, reopened or terminated for cause.

[40 CFR 70.6(a)(6)(iii); Rule 3003(D)(1)(f)(iv)]

5. The filing of an application for modification; a request for revocation and re-issuance; a request for termination; notifications of planned changes; or anticipated noncompliance with condition(s) does not stay the operation of any condition contained in this Federal Operating Permit.

[40 CFR 70.6(a)(6)(iii); Rule 3003(D)(1)(f)(v)]



AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
*AVAQMD District-wide*  
Federal Operating Permit Number: 180403054

6. The issuance of this Federal Operating Permit does not convey any property rights of any sort nor does it convey any exclusive privilege.

[40 CFR 70.6(a)(6)(iv); Rule 3003(D)(1)(f)(vi)]

7. Owner/Operator shall furnish to the AVAQMD, within a reasonable time as specified by the AVAQMD, any information that the AVAQMD may request in writing to determine whether cause exists for modifying, revoking and reissuing, terminating, or determining compliance with the Federal Operating Permit.

[40 CFR 70.6(a)(6)(v); Rule 3003(D)(1)(f)(vii)]

8. Owner/Operator shall furnish to qualified District, CARB or EPA personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit.

[40 CFR 70.6(a)(6)(v); Rule 3003(D)(1)(f)(viii)]

9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created.

[40 CFR 70.6(a)(3)(ii)(B); Rule 3003(D)(1)(d)(ii)]

10. Owner/Operator shall pay all applicable fees as specified in AVAQMD Regulation III, including those fees related to permits as set forth in Rules 301 and 312.

[40 CFR 70.6(a)(7); Rule 3003(D)(1)(f)(ix)]

11. Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit.

[40 CFR 70.6(a)(8); Rule 3003(D)(1)(f)(x)]

12. Compliance with condition(s) contained in this Federal Operating Permit shall be

deemed compliance with the Applicable Requirement underlying such condition(s). The District clarifies that “only” Applicable Requirements listed & identified elsewhere in this Title V Permit are covered by this Permit Shield and does not extend to any unlisted/unidentified conditions pursuant to the requirements of 40 CFR 70.6(f)(1)(i).

[40 CFR 70.6(f)(1)(i); Rule 3003(G)(1)]

13. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603.

[40 CFR 70.6(f)(3)(i); Rule 3003(G)(3)(a)]

14. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit liability for violations, which occurred prior to the issuance of this Federal Operating Permit.

[40 CFR 70.6(f)(3)(ii); Rule 3003(G)(3)(b)]

15. This facility is not subject to any Applicable Requirement Contained in the Acid Rain Program.

[40 CFR 70.6(f)(3)(iii); Rule 3003(G)(3)(c)]

16. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the ability of USEPA or the AVAQMD to obtain information pursuant to other provisions of law including but not limited to 42 U.S.C. §7414.

[40 CFR 70.6(f)(3)(iv); Rule 3003(G)(3)(d)]

17. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to emissions trading pursuant to provisions contained in an applicable State Implementation Plan.

[40 CFR 70.4(b)(12)(ii)(B); Rule 3003(G)(3)(e)]

18. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to changes made which are not expressly allowed by this Federal Operating Permit.

[40 CFR 70.4(b)(14)(iii); Rule 3003(G)(3)(f)]

19. The Permit Shield set forth in Part IV, condition 12, shall not be construed to apply to changes made pursuant to the Significant Permit Modification provisions until such changes are included in this Federal Operating Permit.

[40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi); Rule 3003 (G)(3)(g)]

20. If Owner/Operator performs maintenance on, or services, repairs, or disposes of appliances, Owner/Operator shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. These requirements are Federally Enforceable through this Title V Permit.

[40 CFR Part 82, Subpart F]

21. If Owner/Operator performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), Owner/Operator shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. These requirements are Federally Enforceable through this Title V Permit.

[40 CFR Part 82, Subpart B]

22. Notwithstanding the testing requirements contained elsewhere in this Title V Permit, any credible evidence may be used to establish violations, including but not limited to; reference test methods, engineering calculations, indirect estimates of emissions, CEMS data, and parametric monitoring data. Data need not be required to be collected in a Title V permit in order to be considered credible.

[Section 113(a) of the Clean Air Act]

## PART V

### EG/NSPS AND NESHAP APPLICABILITY AND REQUIREMENTS

40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*,

§61.01	List of pollutants and applicability.
§61.02	Definitions.
§61.03	Units and abbreviations.
§61.04	Submittal address for requests, applications, submissions and communications to the Administrator.
§61.05	Prohibited activities.
§61.06	Determination of construction or modification.
§61.07	Application for approval of construction or modification.
§61.08	Approval of construction or modification.
§61.09	Notification of startup.
§61.10	Source reporting and waiver request.
§61.11	Waiver of compliance.
§61.12	Compliance with standards and maintenance requirements.
§61.13	Emissions tests and waiver of emissions tests.
§61.14	Monitoring requirements.
§61.15	Modification.
§61.16	Availability of information.
§61.17	State authority.
§61.18	Incorporations by reference.
§61.19	Circumvention

40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart M, *Asbestos*.

§61.140	Applicability.
§61.141	Definitions.
§61.142	Standard for asbestos mills.
§61.143	Standard for roadways.
§61.144	Standard for manufacturing.
§61.145	Standard for demolition and renovation.
§61.146	Standard for spraying.
§61.147	Standard for fabricating.

- §61.148 Standard for insulating materials.
- §61.149 Standard for waste disposal for asbestos mills.
- §61.150 Standard for waste disposal for manufacturing, fabricating, demolition, renovation, and spraying operations.
- §61.151 Standard for inactive waste disposal sites for asbestos mills and manufacturing and fabricating operations.
- §61.152 Air-cleaning.
- §61.153 Reporting.
- §61.154 Standard for active waste disposal sites.
- §61.155 Standard for operations that convert asbestos-containing waste material into non-asbestos (asbestos-free) material.
- §61.156 Cross-reference to other asbestos regulations.
- §61.157 Delegation of authority.

61 Subpart M Appendix A Interpretive Rule Governing Roof Removal Operations

## PART VI OPERATIONAL FLEXIBILITY

### A. ALTERNATIVE OPERATING SCENARIO (S):

Facility individual State/District Permits are already conditioned to allow facility-wide emissions cap and internal netting. Further, the conditions of these State/District level permits are listed within Part III of this Title V Permit. This facility State/District emissions cap is federally enforceable under the conditions of this Title V Permit.

Facility must comply with these already listed conditions and keep records required for a period of five (5) years from the date the data is generated, and made available to District, State or Federal personnel on request.

### B. OFF PERMIT CHANGES

1. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
  - (a) Permittee has applied for and obtained all permits and approvals required by AVAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and
    - i. The proposed change is not:
      - a. Subject to any requirements under Title IV of the Federal Clean Air Act; or *[See 3003(E)(1)(c)(i)d.]*
      - b. A modification under Title I of the Federal Clean Air Act; or
      - c. A modification subject to Regulation XIII; and *[See 3003(E)(1)(c)(i) d.]*
      - d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and *[See 3003(E)(1)(c)(i)c.]*
      - e. The change does not result in the exceedance of the emissions allowable under this permit (whether expressed as an emissions rate or in terms of total emissions). *[See 3003(E)(1)(c)(i)e.]*

2. Procedure for “Off Permit” Changes

- (a) If a proposed “Off Permit Change” qualifies under Part V, Section (A)(I)(A)(1) above, permittee shall implement the change as follows:
  - i. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. *[See 3003(E)(1)(c)(i)b.]*
  - ii. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
    - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and *[See 3003(E)(1)(c)(i)b.]*
    - b. A list of any new Applicable Requirements which would apply as a result of the change; and *[See 3003(E)(1)(c)(i)b.]*
    - c. A list of any existing Applicable Requirements, which would cease to apply as a result of the change. *[See 3003(E)(1)(c)(i)c.]*
  - iii. Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. *[See 3003(E)(1)(c)(i)a.]*
- (b) Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. *[See 3003(E)(1)(c)(i)a. and g.]*
- (c) Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. *[See 3003(E)(1)(c)(i)f.]*
- (d) Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 3002(B)(3)(b). *[See 3003(E)(1)(c)(i)f.]*

3. Other Requirements:

- (a) The provisions of Rule 3005 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
- (b) The provisions of Rule 3003(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. *[See 40 CFR 70.4(b)(i)(B)]*  
*[Rule 3003(E)(1)(c)]*

## PART VI CONVENTIONS, ABBREVIATIONS, DEFINITIONS

A. The following referencing conventions are used in this Federal Operating Permit:

40CFR72, Permits Regulation (Acid Rain Program)  
40CFR73, Sulfur Dioxide Allowance System  
40CFR75, Continuous Emission Monitoring  
40CFR75, Subpart D, Missing Data Substitution Procedures  
40CFR75, Appendix B, Quality Assurance and Quality Control Procedures  
40CFR75, Appendix C, Missing Data Estimating Procedures  
40CFR75, Appendix D, Optional SO<sub>2</sub> Emissions Data Protocol  
40CFR75, Appendix F, Conversion Procedures  
40CFR75, Appendix G, Determination of CO<sub>2</sub> Emissions

B. Other conventions:

1. Unless otherwise noted, a “day” shall be considered a 24-hour period from midnight to midnight (i.e., calendar day).
2. The process unit identifications represent the District permit number designations. These numbers are not sequential. The use of District permit numbers provides continuity between the District and Federal Operating Permit systems.

C. Abbreviations used in this permit are as follows:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horsepower
Btu	British thermal units
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
hp	horsepower
AVAQMD	Mojave Desert Air Quality Management District (formed July 1993)
PM <sub>10</sub>	particulate matter less than 10 microns mean aerodynamic diameter
psia	pounds per square inch absolute
SIC	Standard Industrial Classification



AVAQMD Federal Operating Permit  
*Bolthouse Farms*  
*AVAQMD District-wide*  
Federal Operating Permit Number: 180403054

SIP	State of California Implementation Plan
SO <sub>2</sub>	sulfur dioxide
HHV	high heating value